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RECYCLING CENTER GENERAL APPROVAL

Under the provisions of N.J.S.A. 13:1E-1 *et seq.* and N.J.S.A. 13:1E-99.11 *et seq.* known as the Solid Waste Management Act and the New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.* known as the Recycling Rules, this General Approval is hereby issued to:

MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY

FACILITY TYPE:	Recycling Center for Class B Recyclable Materials
LOT NO.:	4; 1
BLOCK NO.:	400; 401
FACILITY REGISTRATION NO.:	1427001534
FACILITY TYPE:	Recycling Center for Class C Recyclable Materials
LOT NO.:	4; 1; 3
BLOCK NO.:	400; 401; 500
FACILITY REGISTRATION NO.:	1427001115
MUNICIPALITY:	Mount Olive Township
COUNTY:	Morris

This general approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This General Approval shall not prejudice any claim the State may have to riparian land, nor does it allow the holder to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) Zone or subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits or approvals from the Department of Environmental Protection.

June 26, 2001
Issuance Date

July 9, 2002
Modified Date

Thomas Sherman, Assistant Director
Office of Permitting
& Technical Programs

November 7, 2001
Modified Date

February 26, 2003
Modified Date

June 24, 2004
Expiration Date

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Scope of Approval

This approval, along with the referenced application documents herein specified, shall constitute the sole Recycling Center General Approval for the operation of a recycling center by the Morris County Municipal Utilities Authority (holder) located in Mount Olive Township, Morris County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid and Hazardous Waste or its predecessor agencies is hereby superseded.

This general approval does not convey any property rights of any sort, or any exclusive privilege. Failure to comply with all of the conditions specified herein may result in revocation of this approval and/or may result in such other regulatory or legal actions that the Department is authorized by law to institute, including but not limited to, civil and administrative penalty assessments.

This Recycling Center General Approval is a modification to the Approval issued to the facility on June 26, 2001.

November 7, 2001 The Recycling Center General Approval was modified to include the receipt, storage, processing, and transfer of Class B wood materials. Section III of the Approval was separated into Part A for the Class B materials and Part B for the Class C materials.

July 9, 2002 The Recycling Center General Approval is modified to allow an in-place capacity of 8600 feet of windrow, to allow leaves to be sized-reduced through a grinder, to establish appropriate windrow sizing for ground leaf material, to allow lake weed to be accepted at the facility, to allow two additional leaf staging windrows bringing the total to four. The Approval is further modified to correct formatting errors in Section III – Part B.

February 26, 2003: The Recycling Center General Approval is modified with a new Section II for consistency with rule changes operative on December 17, 2002.

Regulated Activities at the Recycling Center

Section I of this approval contains the general conditions applicable to all recycling centers. Section II of this approval contains general operating requirements for all recycling centers for receipt, storage, processing or transfer of Class B and Class C recyclable materials. Section III of this approval is divided into two subsections, identified as Section III-Part A and Section III-Part B. Section III-Part A contains specific conditions applicable to the receipt, storage, processing and transfer of Class B recyclable materials, while Section III-Part B contains specific conditions applicable to the receipt, storage, processing and transfer of Class C recyclable materials.

Recycling Center Description

The Morris County Municipal Utilities Authority operates a recycling center for use as a regional site. The recycling center is located at Old Waterloo Road on Blocks 400, 401 & 500, Lots 4, 1, & 3 respectively, in Morris County. This regional recycling center receives leaves, grass lake weed and brush from municipalities and contractors in Morris, Sussex and Warren Counties. The recycling center is authorized to accept tree parts, tree limbs, logs, and brush Monday through Friday and on Saturday from September through December. The recycling center is also authorized to accept and process yard trimmings for composting, Monday through Saturday. Leaves, grass and lake weed delivered to the site are composted until they have reached a stable form. The stabilized compost is then screened to remove any non-compostable material.

The recycling center is also utilized for finished compost storage, wood chip mulch storage, and equipment storage as shown on the site plan. The recycling center markets compost and wood chip mulch in bulk form from the site.

Section I - General Conditions Applicable to All Recycling Centers

1. Duty to Comply

Pursuant to N.J.A.C. 7:26A-3.1(a), all persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 *et seq.* shall comply with all conditions of the approval.

2. Duty to Post a Sign

Pursuant to N.J.A.C. 7:26A-3.5(f), the holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following:

Hours of operation of the recycling center;
Listing of the source separated materials to be received;
The size, weight, or other restrictions regarding materials to be received;
The maximum amount of contaminants allowed in each load;
Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and
Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form.

3. Duty to Reapply

(a) Pursuant to N.J.A.C. 7:26A-3.6(a), application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 *et seq.* One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located.

(b) Pursuant to N.J.A.C. 7:26A-3.6(b), the applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10.

- (c) Pursuant to N.J.A.C. 7:26A-3.6(c), in a case where the holder of this general approval does not comply with conditions 3(a) and (b) of this section and continues to operate without renewal of the general approval, the Department may take actions which include, but are not limited to, the following:
 - (1) Appropriate enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; and
 - (2) Require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2.
- (d) Pursuant to N.J.A.C. 7:26A-3.6(h), all persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2.

4. Approval Modifications

- (a) Pursuant to N.J.A.C. 7:26A-3.10(a), the holder of this general approval shall obtain prior approval from the Department for any modification of the general approval.
- (b) Pursuant to N.J.A.C. 7:26A-3.10(b), modifications to the general approval to operate a recycling center which require the prior approval of the Department include the following:
 - (1) Any change affecting the conditions of this general approval; and
 - (2) Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with condition 4(e) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.10(c), the holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval.
- (d) Pursuant to N.J.A.C. 7:26A-3.10(e), the holder of this general approval shall not institute the modification until it receives written approval from the Department.
- (e) Pursuant to N.J.A.C. 7:26A-3.10(f), within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is

transferred. The written notification shall be sent to:

New Jersey Department of Environmental Protection
Division of Solid and Hazardous Waste
Office of Permitting and Technical Programs
P.O. Box 414
Trenton, New Jersey 08625-0414

5. Approval Revocation

Pursuant to N.J.A.C. 7:26A-3.13(a), the Department may revoke this general approval upon a determination that the holder of the general approval has:

- (a) Violated any provision of N.J.S.A. 13:1E-1 *et seq.*, the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 *et seq.* and the New Jersey Statewide Mandatory Source Separation and Recycling Act;
- (b) Violated any solid waste utility law at N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*;
- (c) Violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection;
- (d) Refused or failed to comply with any lawful order of the Department;
- (e) Failed to comply with any of the conditions of this general approval issued by the Department;
- (f) Transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department;
- (g) Has failed to obtain any required permit or approval from the Department or other State or Federal agency; or
- (h) Has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.11.

6. Transfers

- (a) Pursuant to N.J.A.C. 7:26A-3.15(a), this general approval shall not be transferred to a new owner or operator without the Department's prior approval.
- (b) Pursuant to N.J.A.C. 7:26A-3.15(a)1, a written request for permission to allow a

transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following:

- (1) The name, address and social security number of all prospective new owners or operators;
 - (2) A written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and
 - (3) A written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control.
- (c) Pursuant to N.J.A.C. 7:26A-3.15(a)2, a new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (d) Pursuant to N.J.A.C. 7:26A-3.15(a) 3, the holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (e) Pursuant to N.J.A.C. 7:26A-3.15(a)4, compliance with the transfer requirements set forth in this subsection shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision.
- (f) Pursuant to N.J.A.C. 7:26A-3.15(b), the transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval.

7. Operating Record and Reporting Requirements

- (a) Pursuant to N.J.A.C. 7:26A-3.17(a), the holder of this general approval shall maintain daily records of all materials received, stored, processed or transferred. Said records shall indicate, at a minimum:
- (1) A daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons;
 - (2) The name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons,

cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons; and

- (3) The amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons.
- (b) Pursuant to N.J.A.C. 7:26A-3.17(b), the holder of this general approval shall retain the information required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which reporting is required pursuant to condition 7(c) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.17(c), the holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to in condition 7(a) of this section to the New Jersey Department of Environmental Protection, Division of Solid and Hazardous Waste, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following:
 - (1) Monthly totals of the amount of recyclable material received from each customer by municipality of origin;
 - (2) Monthly totals of the amount of recyclable product transferred to each end-market; and
 - (3) The amount of residue disposed of during each month.
- (d) Pursuant to N.J.A.C. 7:26A-3.17(e), the holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report required at condition 7(c) of this section.
- (e) Pursuant to N.J.A.C. 7:26A-3.17(f), all information submitted to the Department pursuant to conditions 7(a) through (d) of this section shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 *et seq.* The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department.

- (f) Pursuant to N.J.A.C. 7:26A-4.4 (a), the holder of this general approval shall provide a recycling tonnage report by February 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons.

8. Conformance to District Solid Waste Management Plan

Pursuant to N.J.A.C. 7:26A-4.2, the recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan.

9. Uniform Construction Code

Pursuant to N.J.A.C. 7:26A-4.1(b), the construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 *et seq.*, and the rules promulgated pursuant thereto.

10. Right of Entry

- (a) Pursuant to N.J.A.C. 7:26A-4.3(a), the New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 *et seq.* shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to:
 - (1) Sampling any materials on site;
 - (2) Photographing any portion of the recycling center;
 - (3) Investigating an actual or suspected source of pollution of the environment; and,
 - (4) Ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department.
- (b) Pursuant to N.J.A.C. 7:26A-4.3(b), the right of entry specified in condition 10(a) of this section shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request.

End of Section I

Section II - General Operating Requirements

(Modified February 26, 2003)

1. General Operating Requirements for All Recycling Centers

Pursuant to N.J.A.C. 7:26A-4.1(a), the recycling center shall be operated in compliance with the following operational standards:

- (a) All recyclable materials received, stored, processed or transferred at the recycling center shall conform to the following criteria:
 - (1) The recyclable materials shall have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials from the incoming waste stream;
 - (2) The recyclable materials shall consist only of recyclable materials which the Department has approved at Section III of this general approval, pursuant to N.J.A.C. 7:26A-3, for receipt, storage, processing or transfer at the recycling center; and
 - (3) Recyclable materials may be commingled to the extent authorized in this general approval in Section III.
- (b) Residue shall not be stored on site for a period in excess of six months;
- (c) All residue shall be removed from the recycling center site in accordance with each district's waste plan;
- (d) All residue shall be stored separately from recyclable material and in a manner which prevents run-off, leakage or seepage from the residue storage area into, on or around the soil of the residue storage area;
- (e) The operation and related activities of the recycling center shall be in conformance with all applicable Federal and State laws and regulations;
- (f) The recycling center shall be operated in such a manner that the recycling center property is maintained free of litter and debris and such that tracking of mud into nearby streets is prevented;
- (g) Traffic associated with the operation of the recycling center shall not result in an unacceptable decrease in the existing level of service described and defined in the New Jersey Department of Transportation Highway Access Management Code at N.J.A.C. 16:47 of any major intersection or public roadway within a one-half mile radius of the recycling center;

- (h) Recycling center operations shall be separated from any and all adjacent residential, commercial and/or other sensitive land uses through the establishment of an effective visual screen buffer;
- (i) The entrance to the access road shall be fenced or otherwise secured to prevent unauthorized access to the site;
- (j) To provide sufficient support for vehicles, to prevent the tracking of soil onto public roads and to minimize the generation of dust, those areas of the recycling center subject to vehicular usage shall be suitably compacted and where necessary paved; and
- (k) An adequate water supply and fire-fighting equipment shall be readily available to extinguish any fires. The telephone number of the local fire department shall be posted at the entrance to the recycling center.

2. General Operating Requirements for Recycling Centers Receiving Wood Materials and Composting Yard Trimmings

- (a) Pursuant to N.J.A.C. 7:26A-3.8(c), a fire control plan for the recycling center shall be filed with and approved by the local fire official or other person of competent jurisdiction and shall be filed with the local municipal code enforcement officer prior to operating the recycling center.
- (b) Pursuant to N.J.A.C. 7:26A-4.5(a) the recycling center shall be operated in compliance with the following:
 - (1) Operation of the recycling center shall be under the supervision and control of a properly trained individual during all hours of operation, and access to the recycling center shall be prohibited when the recycling center is closed.
 - (2) Yard trimmings shall be received only during times when the recycling center operator or owner is present.
 - (3) All yard trimmings delivered to the recycling center for processing shall be removed from bags, boxes or similar containers prior to any processing steps except that yard trimmings in biodegradable bags need not be removed from such bags if the processing equipment provides for a shredding or cutting action. All discarded bags, boxes and similar containers shall be placed in a suitable refuse receptacle in the staging area of the recycling center for removal to an off-site disposal facility in accordance with the applicable district waste management plan.
 - (4) If the incoming material contains grass, it shall be accepted only in areas of the

site that are at least 1,000 feet from any areas of human use or occupancy, and processing of such material shall begin on the day of receipt.

- (5) Recycling centers which provide composting of the Class C recyclable material shall operate in accordance with the following:
 - (i) Within one year of the start up of the recycling center, the recycling center operator shall attend a composting course sponsored by the Rutgers Cooperative Extension, the appropriate county agricultural or resource management agents or any other similar course recognized by the Department.
 - (ii) Prior to windrow formation, dry yard trimmings shall be moistened with water to saturation without producing excessive runoff;
 - (iii) To facilitate drainage and to reduce surface water ponding, each windrow shall be constructed and positioned in such a manner that it is perpendicular to the contours of the ground surface;
 - (iv) A windsock shall be installed at the recycling center in order to indicate wind direction so that the recycling center operator may determine appropriate times for windrow turning operations;
 - (v) The recycling center shall follow the approved method of windrow composting defined in Section III of this general approval;
 - (vi) Finished compost shall be tested once each year, at a minimum, in accordance with monitoring and sampling plan established at Section III of this general approval. Samples of the compost produced at the recycling center shall be analyzed for the parameters listed at Table 1 at the end of this section. Results of all laboratory analysis for each parameter specified shall be recorded and maintained at the recycling center.
 - (vii) The laboratory used to perform the analysis of the finished compost product shall be certified in accordance with N.J.A.C. 7:18 for the equipment and testing procedures required;
- (6) In addition to the record-keeping requirements of N.J.A.C. 7:26A-3.17, the recycling center shall maintain the following records:
 - (i) The quantity of yard trimmings received daily, expressed as cubic yards of leaves, grass and/or brush;
 - (ii) The source of yard trimmings received daily; and
 - (iii) The results of laboratory analyses of finished compost, if applicable;

- (7) The following information shall be made available for inspection by the Department pursuant to N.J.A.C. 7:26A-4.3:
 - (i) The results of compost analyses and name(s) of certified laboratory(ies), if applicable;
 - (ii) The quantity, type and source of incoming material;
 - (iii) The quantity and types of recovered recyclables;
 - (iv) The quantity of disposed residue, and sites receiving residue; and
 - (v) The standard procedures employed to ensure data reliability.
 - (8) The recycling center shall submit to the Department within one year of receipt of its general approval to operate, a final closure plan containing a schedule and description of the steps necessary to close the recycling center including the estimated cost of closure and a description of the means by which the closure will be financed.
 - (9) The recycling center shall notify the Department in writing at least 60 days prior to the proposed closure date for the recycling center.
 - (10) The recycling center shall publish a notice of closure in a newspaper of general circulation in the district where the recycling center is located and in districts or communities sending at least 25 percent of their yard trimmings to the recycling center. Such notice shall be published at least 15 days prior to closure.
 - (11) Within 30 days of ceasing operation, all residuals, unprocessed yard trimmings, and recyclables shall be removed from the site and recycled or disposed as appropriate.
 - (12) The Department shall determine that a recycling center is considered closed when all the requirements of the closure plan have been met.
- (b) Pursuant to N.J.A.C. 7:26-4.5(c), any compost produced by the recycling center shall be subject to the following:
- (1) Compost given away or offered for sale by the recycling center must contain a label describing the recommended safe uses and application rates, and restrictions, if any, on use of the product. If compost is offered for bulk sale, signs or printed literature containing the above information shall be available on the bill of lading to the purchaser or persons receiving the compost.
 - (2) Compost given away or offered for sale shall satisfy the general requirements established at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).

Table I

COMPOST QUALITY MONITORING PARAMETERS

<u>Parameter</u>	<u>Unit</u>	<u>Method</u>
Stability or Maturity		O ₂ Consumption, CO ₂ Respiration, DeWars Self Heating Test, or Other Approved by Department
Soluble salts		Electrical Conductivity
pH		
Regulated parameters:		
Arsenic (As)	mg/kg dry wt.	
Cadmium (Cd)	mg/kg dry wt.	
Chromium (Cr)	mg/kg dry wt.	
Copper (Cu)	mg/kg dry wt.	
Lead (Pb)	mg/kg dry wt.	
Mercury (Hg)	mg/kg dry wt.	
Molybdenum (Mo)	mg/kg dry wt.	
Nickel (Ni)	mg/kg dry wt.	
Selenium (Se)	mg/kg dry wt.	
Zinc (Zn)	mg/kg dry wt.	
Man-Made Inerts > 4 mm and < 13 mm	percent by volume	Sieve Analysis
Film plastic > 4 mm	cm ² /m ³	Sieve Analysis

Notes:

1. Man-made inert material includes glass shards and metal fragments that pose a human and animal safety hazard with unprotected exposure or through direct ingestion.
2. Film plastic can be a potential hazard to small animals through direct ingestion.

End of Section II

Section III – Part A – Specific Conditions Applicable to the Receipt, Storage, and Processing of Class B Recyclable Materials at the Recycling Center

1. Approved Recyclable Materials

The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center:

- Tree Limbs
- Tree Parts
- Logs
- Brush

At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval.

2. Commingling

The recycling center may receive, store, process, or transfer source separated wood, tree limbs, tree parts, logs, and brush separately or in a commingled manner. The commingling of any other materials not described above is prohibited.

3. Contaminants

The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants.

4. By-Products

Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in Section III – Part A of this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval.

5. Approved Designs, Plans and Reports

- (a) The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C.

7:26A-1 *et seq.*, the conditions of this general approval, and the following general approval application documents, which are incorporated herein by reference:

- (1) Site plan: Titled “Compost Facility Plan”, Sheets 1 through 3, prepared by Suburban Consulting Engineers, Inc., signed and sealed by Daren J. Phil, P.E., NJ License No. 36191, dated August 17, 2000 and last revised December 28, 2002.
 - (2) Morris County MUA: Application for General Approval, prepared and signed by Larry Gindoff, Morris County Solid Waste Coordinator, dated March 20, 2001.
 - (3) Morris County MUA: Response to deficiency notice, signed by Larry Gindoff, dated September 4, 2001.
- (b) In case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs.
- (c) One complete set of the general approval application documents listed in conditions 4(a)(1) through 3 above, this general approval, and all records, reports including the information required at condition 7(a) of Section I and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials.

6. Approved Operations

(a) Hours of Operation

Hour of operation for receiving, storing, processing, or transferring the source separated recyclable material specified in Condition 1 above shall be limited to:

Monday – Friday	7:30 AM to 4:00 PM
Saturdays (September to December only)	7:00 AM to 5:00 PM

(b) Material Deliveries

Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads.

(c) Maximum Daily Capacity

The recycling center may receive no more than 152 tons per day of the recyclable materials specified in Section III – Part A, Condition 1 of this Approval.

(d) Maximum Weekly Capacity

The recycling center may receive no more than 912 tons per week of the recyclable materials specified in Section III – Part A, Condition 1 of this Approval.

(e) Unprocessed Material Storage

(1) The total amount of unprocessed Class B recyclable material stored on-site shall not exceed 29,400 cubic yards. Unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing.

(2) If at any time, the amount of unprocessed material stored on-site exceeds 29,400 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of unprocessed material stored on-site falls below 29,400 cubic yards.

(3) Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year.

(f) Processed Materials Storage

(1) The total amount of processed Class B recyclable materials stored on-site shall not exceed 11,580 cubic yards. Processed material shall be stored only in those areas as designated for that purpose as indicated on the approved site plan drawings.

(2) If at any time, the amount of processed material stored on-site exceeds 11,580 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 11,580 cubic yards.

(3) All processed material shall be stored separately from residues.

(g) By-Products Storage

By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents.

(h) Horizontal and Vertical Controls

(1) Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed and processed stockpile areas in Area 2 and 20

feet above the existing grade for the unprocessed stockpile area in Area 1 and 10 feet above the existing grade for the processed stockpile area in Area 1.

(2) Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. Within approximately thirty (30) days of the acceptance date of this Approval, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers.

(i) Site Access

Ingress and egress of the facility shall be restricted to Waterloo Road only.

(j) Dust Control

Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration.

(k) Fire Protection & Emergency Response

Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and within twenty-four (24) hours report the incident to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337.

(l) Hazardous Waste

Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel.

(m) Increase in Design Capacity

Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district.

End of Section III – Part A

Section III – Part B - Specific Conditions Applicable to the Receipt, Storage & Processing of Class C Recyclable Materials at the Recycling Center

7. Approved Recyclable Materials

The following yard trimmings may be received and processed to produce compost at this recycling center:

Leaves
Grass clippings
Lake weed

Leaves and grass clippings may be received in a commingled manner. (modified 7/9/02)

8. Contaminants

The maximum amount of contaminants allowed in each load of recyclable materials shall be limited to 1% by volume. The term contaminants in this document shall mean any material that is not included in the Approved Recyclable Materials list identified at condition 1 of Section III – Part B.

9. Approved Designs, Plans and Reports

(a) The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 *et seq.*, the conditions of this general approval, and the following general approval application documents, which are incorporated herein by reference:

- (1) General Approval Application dated May 20, 1997 prepared by the Morris County Municipal Utilities Authority.
- (2) The following full-size drawings which were prepared by Suburban Consulting Engineers, Inc.

Dwg. Sheet No. 1 of 3, Overall Site Plan Map, Revision A, December 27, 2000.

Dwg. Sheet No. 2 of 3, Site Plan Area #1, Revision C, April 16, 2002.
(modified 7/9/02)

- (3) Operational Process and Environmental Impact Narrative dated March 20, 2001 prepared by the Morris County Municipal Utilities Authority.

- (4) Letter from Michael Sanchelli, Morris County Municipal Utilities Authority, dated March 30, 2001 submitting additional information in response to request from the Department via telephone conversation.
- (5) The equipment specification sheet for the windrow turner that was faxed to the Department on June 21, 2001.
- (6) Letter from Michael Sanchelli of Morris County, received by the Department on September 26, 2001 highlighting changes in the narrative. (added 7/9/02)
- (7) Letter from Michael Sanchelli of Morris County, dated October 15, 2001 requesting permission to accept lake weed at the facility. (added 7/9/02)
- (8) Letter from Michael Sanchelli of Morris County, dated January 7, 2002 requesting modifications to the General Approval. (added 7/9/02)
- (9) Letter from Michael Sanchelli of Morris County, dated May 14, 2002 including a revised Site Plan and equipment specifications for the new horizontal grinder. (added 7/9/02)
- (b) In case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs.
- (c) One complete set of the general approval application documents listed in conditions 3(a)(1) through (9) of Section III – Part B above, this general approval, and all records, reports including the information required at condition 7(a) of Section I and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. (modified 7/9/02)

10. Approved Operations

(a) Hours of Operation

All recycling center operations shall be limited to the following schedule:

Monday – Saturday 7:00 AM to 5:00 PM.

(b) Material Deliveries

Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads.

(c) Equipment Requirements

- (1) The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

Bandit Model 3680 Horizontal Grinder
Erin Star Screener
Volvo BME Front End Loader
Komatsu Front End Loader
Scarab 18-450 D4 Windrow Turner

(modified 7/9/02)

- (2) Requisite recycling center operations shall not be delayed or neglected for lack of required equipment or for equipment down time.

(d) Operating Area Maintenance

- (1) Those areas of the site subject to vehicular usage shall be maintained suitably compacted, and when necessary surfaced, to provide ample vehicular support in all weather conditions that allows operating equipment to perform all operational requirements contained in this General Approval.
- (2) Initial soil modification and grading performed shall be in accordance with the site plans listed at condition 3(a)(2) of Section III – Part B. Once original grading is complete, the composting area, related material staging/mixing areas and access road(s) shall be maintained for the life of the recycling center in a manner that prevents the accumulation or ponding of surface water.

(e) Incoming Materials Inspection and Handling

Materials staging, inspection and processing shall be conducted only in areas designated for such staging, inspection and processing shown on the approved site plans listed in condition 3(a)(2) of Section III – Part B. Each load shall be inspected in accordance with the inspection plan provided in the Operational Process and Environmental Impact Narrative referenced in condition 3(a)(3) of Section III – Part B. This plan specifies that contaminants shall be removed from the site by the responsible party. A roll-off container is available at the recycling center to store contaminants found in the windrows and residue generated from the screening operation for eventual removal off site for disposal. After the inspection of the incoming material, leaves, grass clippings, and lake weed handling must adhere to the following: (modified 7/9/02)

- (1) Loads of leaves shall be directed to either the leaf staging area or the windrow area for forming windrows or directed to the grinder for size reduction prior to being formed into windrows. (modified 7/9/02)

- (2) Loads of grass clippings and lake weed shall be directed to the windrow area to be incorporated with partially decomposed leaves. (modified 7/9/02)
- (3) Loads of commingled leaves and grass shall be directed to the windrow area to be incorporated with partially decomposed leaves.

(f) Windrow Management

(1) General Operations

Windrow construction and reconstruction shall be conducted within the confines of the designated areas identified on the approved site plans as cited at condition 3(a)(2) of Section III – Part B. Expansion of such activities beyond the designated areas shall require the approval of the Department. The total length of all windrows at the site at any given time shall not exceed 8600 linear feet (approx. 32,000 cubic yards). In the event leaf staging windrows have been constructed the following formula shall be used for calculating the equivalent length of all windrows to determine if the 8600-foot capacity is exceeded:

$$A + 1.8B \leq 8600 \text{ feet}$$

Where: A is the linear feet of the leaf windrows (ground or unground)
B is the linear feet of the leaf staging windrows

(modified 7/9/02).

(2) Leaf Staging Windrow Operation

Unground leaves as described at condition 4(e)(1) of Section III – Part B may be placed in up to four leaf staging windrows in the leaf staging area as depicted on the site plan for the purpose of providing the necessary leaf matter to mix with lake weed and/or grass clippings received during the grass collection season. Leaf staging windrows shall be constructed to a maximum of twelve (12) feet in height with a corresponding base not to exceed a maximum of twenty four (24) feet in width and a maximum of three-hundred and sixty (360) feet in length. A minimum separation of eight (8) feet working distance measured from the pile base shall be provided. These leaf staging windrows shall be reformed into smaller windrows in the leaf windrow area in accordance with condition 4(f)(3)(i) of Section III – Part B by March 31 of each year. Grass clippings and/or lake weed shall not be incorporated within the leaf staging windrows. (modified 7/9/02)

(3) Leaf Windrow Operation

- (i) Upon acceptance, leaves as described in condition 4(e)(1) of Section III – Part B shall be placed in windrows. Windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of 10 feet with a

corresponding base not to exceed a maximum of 16 feet in width. (modified 7/9/02)

- (ii) Immediately after grinding, leaves that are sized-reduced through the grinder as described at condition 4(e)(1) of this section shall be placed in smaller windrows. These windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of 8 feet with a corresponding base not to exceed a maximum of 14 feet in width. (added 7/9/02)
- (iii) Windrows shall be turned with the Scarab 18-450 D4 Windrow Turner listed at condition 4(c) of Section III – Part B.
- (iv) Ample working space shall be maintained between windrows for turning purposes. A minimum separation of 8 feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of turning equipment.
- (v) After initial formation, leaf windrows shall be turned and reconstructed at a frequency to maintain inner core temperatures below 140°F.

(4) Grass and Lake Weed Mixing

- (i) Loads of grass clippings, lake weed and commingled leaves and grass clippings shall be placed on top of the windrows at a ratio of one part grass clippings or lake weed to not less than three parts of partially decomposed leaves within the working day. By the end of the working day this material shall be turned in the blended windrows (hereinafter called “Mixed Windrows”) by the Scarab 18-450 D4 Windrow Turner.
- (ii) No more than two (2) applications of grass can be incorporated in any given windrow. Scheduling of the second application of grass within the windrow shall commence no sooner than thirty (30) days from the initial application.
- (iii) No more than one application of lake weed can be incorporated in any given windrow.

(modified 7/9/02)

(5) Mixed Windrow Operation

- (i) Mixed windrows shall be constructed to a maximum height of ten (10) feet with a corresponding base not to exceed a maximum of sixteen (16) feet in width.
- (ii) Mixed windrows shall be turned with the Scarab 18-450 D4 windrow turner or the equivalent.

- (iii) Ample working space shall be maintained between windrows for turning purposes. A minimum separation of eight (8) feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of turning equipment.
- (iv) Those windrows receiving grass and or lake weed, shall be turned a minimum of once a week for the first month or more frequently to maintain oxygen levels above 5 percent and inner core temperatures below 140°F. For the remainder of the compost cycle the windrows shall be turned as necessary to maintain oxygen levels above 5 percent and inner core temperatures below 140°F.

(added 7/9/02)

(g) Screening

When the holder of this general approval determines that materials in windrows has reached steady state conditions based on results of temperature and oxygen monitoring, the material may be removed to the screening area as depicted on the site plan identified at 3(a)(2) of Section III – Part B. For screening of the stabilized compost, the screeners identified at condition 4(c) of Section III – Part B shall be available at the site. Over-sized material from screening operations shall be stored at the end of the day of screening only in those “berms” designated for such storage as shown on the approved site plan listed at condition 3(a)(2) of Section III – Part B. The material contained in these piles (identified on the site plan as berms) can remain there for a period up to nine (9) months. In addition, no new material can be added to existing piles until the existing material is screened a second time. After the second screening, remaining residue shall be placed in roll-off containers for disposal off-site. (modified 7/9/02)

(h) Finished Compost

Finished compost may be stockpiled only in those locations identified on the approved site plan. The height of the finished compost storage pile shall not exceed twenty (20) feet.

(i) Product monitoring and sampling plan

The compost product monitoring and sampling plan shall consist of the following:

- (1) At a minimum one sample of compost product of sufficient size and of equal proportion shall be collected for every 1,000 cubic yards of compost product generated.
- (2) A maximum of 10 samples collected above may be composited into a representative sample.
- (3) Each composite sample shall be placed in a non-metallic container and thoroughly mixed.

- (4) A minimum of two subsamples of sufficient size and of equal proportion shall be extracted from each composite sample and placed in clean plastic containers. The containers shall then be sealed. One subsample shall be sent to a laboratory for analyses. The laboratory used to perform the analysis shall be certified in accordance with N.J.A.C. 7:18. The second subsample shall be retained at the site so that the Department may conduct follow-up analyses when necessary. The subsample retained shall be clearly marked for identification and stored at the site using proper preservation techniques for a period of 180 days from the date the composite sample is transferred to the laboratory for analyses.
- (5) A copy of the analytical results shall be submitted to the following address within ten (10) days of receipt by the holder of the laboratory results.

New Jersey Department of Environmental Protection
Division of Solid and Hazardous Waste
Office of Permitting and Technical Programs
P.O. Box 414
Trenton, New Jersey 08625-0414

- (6) The compost stockpiles shall remain on site until the associated analytical results are received by the recycling center and a determination is made whether the finished product meets the required criteria set forth at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).
- (7) Material sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment shall conform to applicable industry methods as specified in the NJDEP “Field Sampling Procedures Manual.”

(j) Operations Monitoring

- (1) The holder of this general approval shall maintain a recycling center operations journal. Daily entries shall include the following:
 - (i) Date;
 - (ii) Sketch of site including windrows, leaf staging windrows, oversized material berms and final product storage;
 - (iii) Identification of windrows that have been turned and/or reconstructed each day;
 - (iv) Identification of windrows where grass clippings and/or lake weed were mixed on any given day; (modified 7/9/02)
 - (v) Person(s) responsible for journal entry;

- (vi) Name(s) of operator(s);
- (vii) Prevailing wind direction;
- (viii) A general description of any and all activities at the site including, but not limited to:
 - (A) Regrading;
 - (B) Windrow, pile and berm (overs) construction, turning and maintenance including hours of use of the windrow turning equipment;
 - (C) Screening;
 - (D) Residue removed from the site for disposal (cubic yards);
 - (E) Distribution of finished compost in (cubic yards); and
 - (F) Results of any laboratory analysis for finished compost.
- (2) At a minimum, the following activities shall be performed and recorded in the recycling center operations journal:
 - (i) Inspect the site weekly for ponded water and rut formation and record findings;
 - (ii) Inspect the site periphery weekly for discharge of leachate and record findings;
 - (iii) Measure windrow core temperature in accordance with the following and record the results:
 - (A) One (1) randomly selected location for every one hundred feet of windrow each week for every windrow.
 - (B) One (1) randomly selected location for every one hundred feet of windrow with grass clippings or lake weed each day for thirty (30) days after the introduction of the grass clippings or lake weed. After thirty (30) days the measurements shall be taken weekly until grass is reintroduced into the windrow, where it reverts to daily measurements. (modified 7/9/02)
 - (iv) Measure windrow core oxygen concentration at one (1) randomly selected location for every one hundred feet of windrow on those windrows with grass clippings or lake weed and record the results. Measurements shall be taken once each week for four (4) weeks after the introduction of the grass clippings or lake weed. (modified 7/9/02)

- (3) The holder of this general approval shall retain the recycling center operations journal at the recycling center for a period of five (5) years. Data collected shall be maintained on site and made available for NJDEP personnel inspection. Also, data collected shall be forwarded to the Department upon request.

(k) Residue

Residue, being the material that evolves from the processing of source separated recyclable material and is subsequently subject to disposal, inclusive of contaminants, shall not exceed 1% by volume of the total volume of the yard trimmings accepted during the year the material containing that residue was received. For the purpose of definition, the year shall start with the first day of the fall season on which leaves are received and end on the same day in the following year.

(l) Dust Control

Methods of effectively controlling dust shall be implemented at the recycling center in order to prevent off-site migration.

End of Section III – Part B